



69/453498

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Practice Limited to Intellectual Property Matters

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January 10, 2006

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Certificate  
JAN 18 2006  
of Correction

Re: U.S. Patent No.: 6,932,753 to *Smith et al.*  
Issued August 23, 2005  
entitled "*Food Serving Paperboard Container Pressing  
Apparatus Employing Cast-in Electrical Heaters*"

Dear Sir or Madam:

A Certificate of Correction is respectfully submitted in the above-referenced issued patent. Please see the enclosed "Certificate of Correction Form" and the accompanying replacement Figures 1-22.

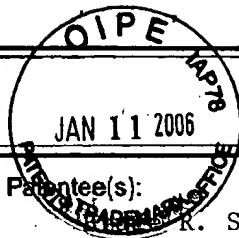
New *formal* Figures 1-22 are submitted to replace *informal* Figures 1-22 published with the issued patent referenced above. New Figures 1-22 contain only minor corrections eliminating extraneous numerals and include no new matter.

Please charge the applicable fees to our Deposit Account No. 50-0935.

Sincerely,

Michael W. Ferrell  
Attorney for Applicants

JAN 18 2006



**TRANSMITTAL LETTER**  
**(General - Patent Issued)**

Docket No.  
2165 (GP-03-8)

Patentee(s):  
R. Smith et al.

U.S. Patent No.  
6,932,753 B1

Issue Date  
August 23, 2005

Title: Food Serving Paperboard Container Pressing Apparatus Employing Cast-in Electrical Heaters

**COMMISSIONER FOR PATENTS:**

Transmitted herewith is:

Transmittal Letter  
Certificate of Correction (3 pages)  
Formal Figures (17 pages showing Figures 1-22)

- ☐ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account 50-0935 as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
\_\_\_\_\_  
Signature

Dated: January 10, 2006

Customer No.: 40256

cc:

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450" [37 CFR 1.8(a)] on January 10, 2006.

(Date)  
  
Signature of Person Mailing Correspondence

Linda Kenah

Typed or Printed Name of Person Mailing Correspondence

PT/AREV34

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 6,932,753 B1  
APPLICATION NO.: 09/453,498  
ISSUE DATE : August 23, 2005  
INVENTOR(S) : Bruce R. Smith et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings, Sheet 1, informal Fig. 1 should be replaced with formal Fig. 1, attached hereto. No new matter is added.

In the drawings, Sheet 1, informal Fig. 2A should be replaced with formal Fig. 2A, attached hereto. No new matter is added.

In the drawings, Sheet 1, informal Fig. 2B should be replaced with formal Fig. 2B, attached hereto. No new matter is added.

In the drawings, Sheet 2, informal Fig. 3A should be replaced with formal Fig. 3A, attached hereto. No new matter is added.

In the drawings, Sheet 2, informal Fig. 3B should be replaced with formal Fig. 3B, attached hereto, where numeral 330 is deleted. No new matter is added.

In the drawings, Sheet 2, informal Fig. 3C should be replaced with formal Fig. 3C, attached hereto, where numeral 340 is deleted. No new matter is added.

In the drawings, Sheet 2, informal Fig. 3D should be replaced with formal Fig. 3D, attached hereto, where numeral 350 is deleted. No new matter is added.

In the drawings, Sheet 3, informal Fig. 4 should be replaced with a formal Fig. 4, attached hereto, where numeral 21 is deleted. No new matter is added.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Ferrells, PLLC  
4400 Fair Lakes Court, Suite 201  
Fairfax, VA 22033



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 3

PATENT NO. : 6,932,753 B1  
APPLICATION NO.: 09/453,498  
ISSUE DATE : August 23, 2005  
INVENTOR(S) : Bruce R. Smith et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings, Sheet 4, informal Fig. 5 should be replaced with formal Fig. 5, attached hereto. No new matter is added.

In the drawings, Sheet 5, informal Fig. 6 should be replaced with formal Fig. 6, attached hereto. No new matter is added.

In the drawings, Sheet 5, informal Fig. 7 should be replaced with formal Fig. 7, attached hereto, where numerals 124 are deleted. No new matter is added.

In the drawings, Sheet 6, informal Fig. 8 should be replaced with formal Fig. 8, attached hereto. No new matter is added.

In the drawings, Sheet 6, informal Fig. 9 should be replaced with formal Fig. 9, attached hereto. No new matter is added.

In the drawings, Sheet 7, informal Fig. 10 should be replaced with formal Fig. 10, attached hereto. No new matter is added.

In the drawings, Sheet 8, informal Fig. 11 should be replaced with formal Fig. 11, attached hereto. No new matter is added.

In the drawings, Sheet 8, informal Fig. 12 should be replaced with formal Fig. 12, attached hereto. No new matter is added.

In the drawings, Sheet 9, informal Fig. 13 should be replaced with formal Fig. 13, attached hereto. No new matter is added.

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Page 3 of 3

PATENT NO. : 6,932,753 B1

APPLICATION NO.: 09/453,498

ISSUE DATE : August 23, 2005

INVENTOR(S) : Bruce R. Smith et al.

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In the drawings, Sheet 9, informal Fig. 14 should be replaced with formal Fig. 14, attached hereto. No new matter is added.

In the drawings, Sheet 10, informal Fig. 15 should be replaced with formal Fig. 15, attached hereto. No new matter is added.

In the drawings, Sheet 11, informal Fig. 16 should be replaced with formal Fig. 16, attached hereto. No new matter is added.

In the drawings, Sheet 12, informal Fig. 17 should be replaced with formal Fig. 17, attached hereto. No new matter is added.

In the drawings, Sheet 13, informal Fig. 18 should be replaced with formal Fig. 18, attached hereto. No new matter is added.

In the drawings, Sheet 14, informal Fig. 19 should be replaced with formal Fig. 19, attached hereto. No new matter is added.

In the drawings, Sheet 15, informal Fig. 20 should be replaced with formal Fig. 20, attached hereto. No new matter is added.

In the drawings, Sheet 16, informal Fig. 21 should be replaced with formal Fig. 21, attached hereto. No new matter is added.

In the drawings, Sheet 17, informal Fig. 22 should be replaced with formal Fig. 22, attached hereto. No new matter is added.

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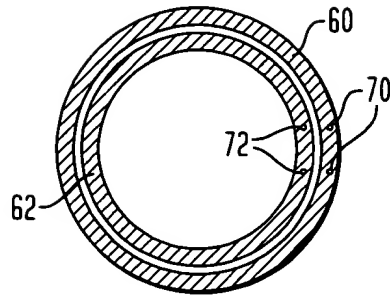
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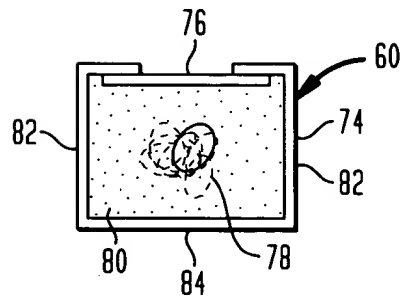


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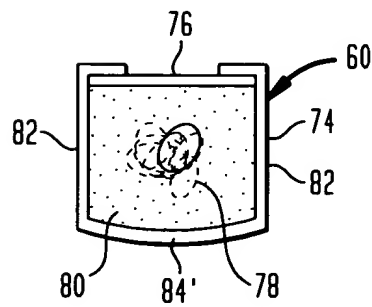
**FIG. 1**



**FIG. 2A**



**FIG. 2B**

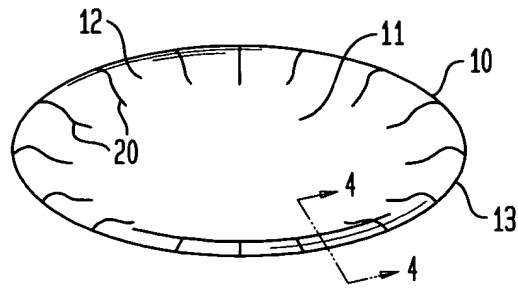


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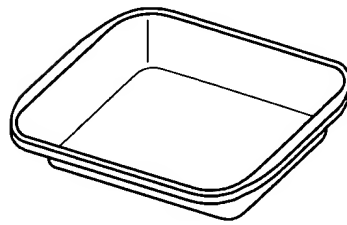


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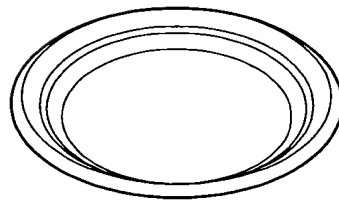
**FIG. 3A**



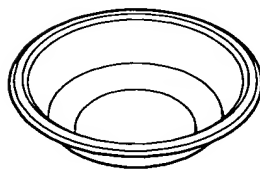
**FIG. 3B**



**FIG. 3C**



**FIG. 3D**

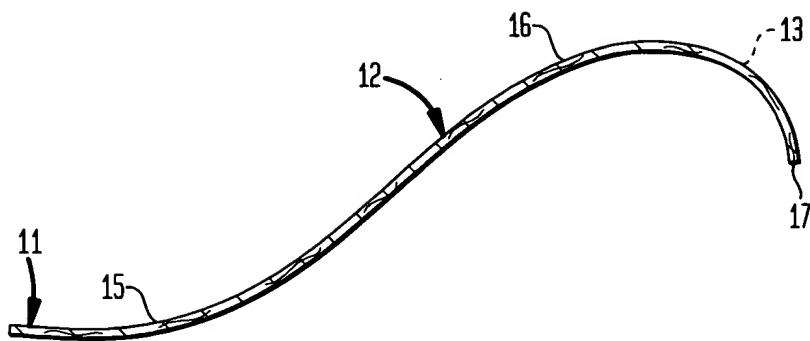


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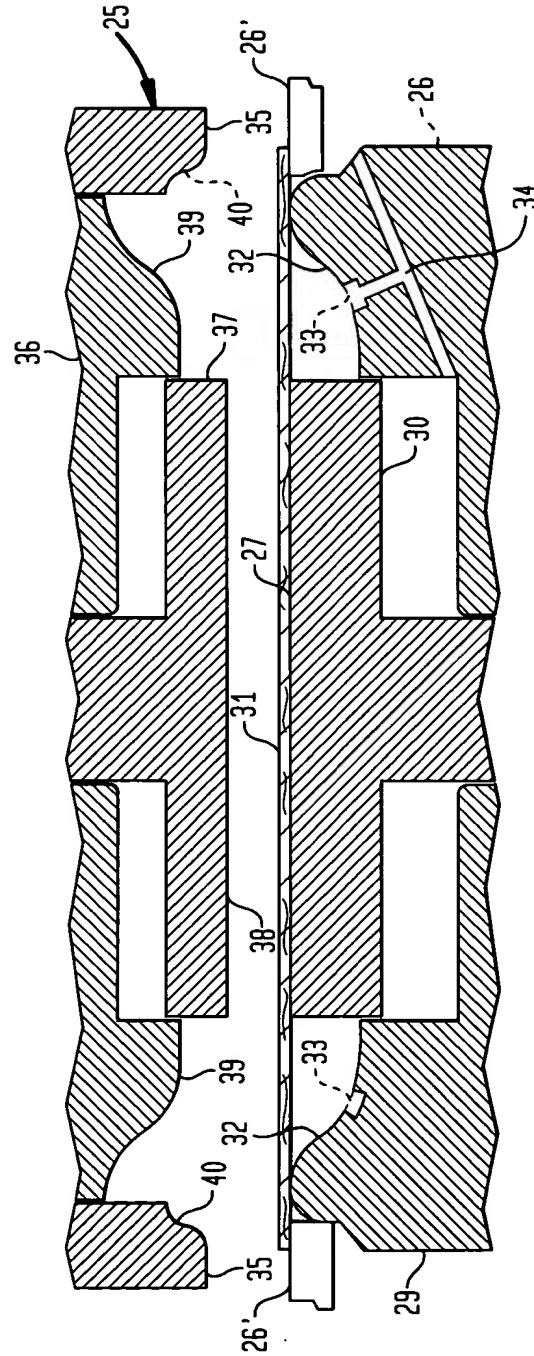
FIG. 4



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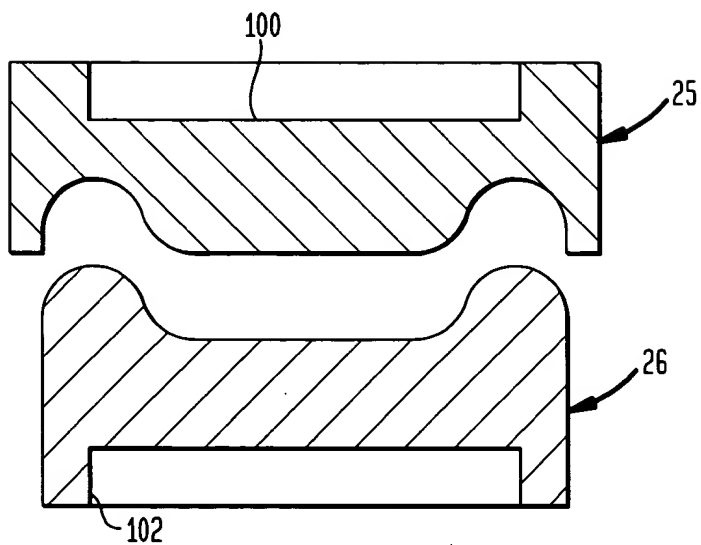
FIG. 5



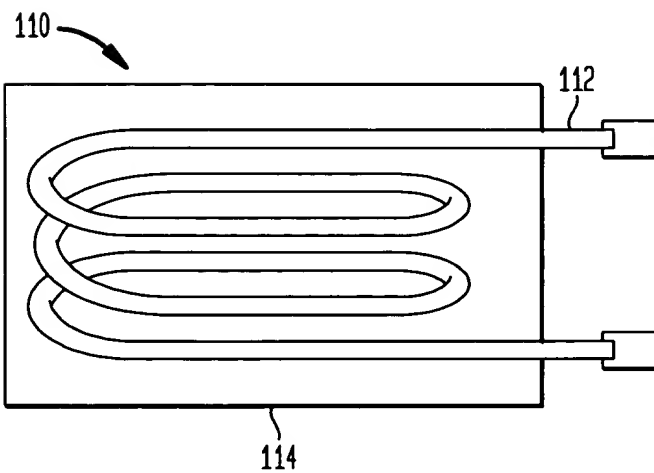


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**FIG. 6**



**FIG. 7**

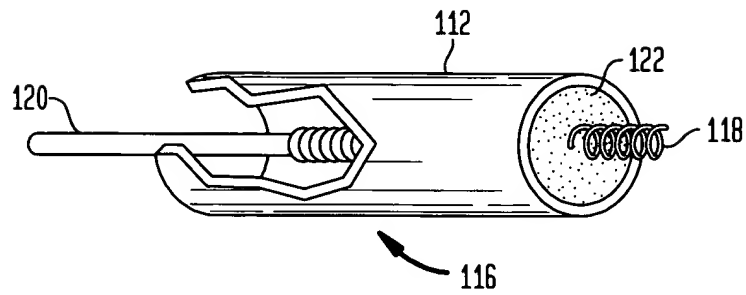


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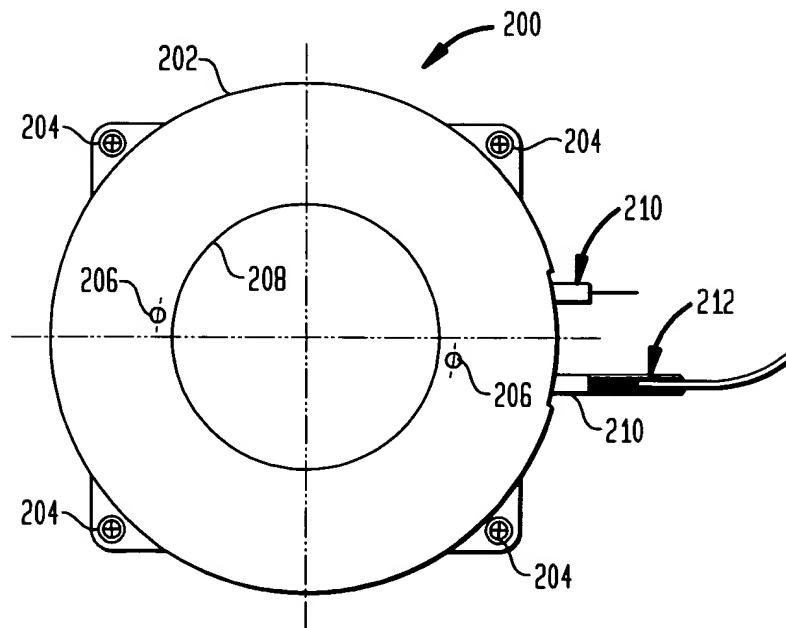


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**FIG. 8**



**FIG. 9**

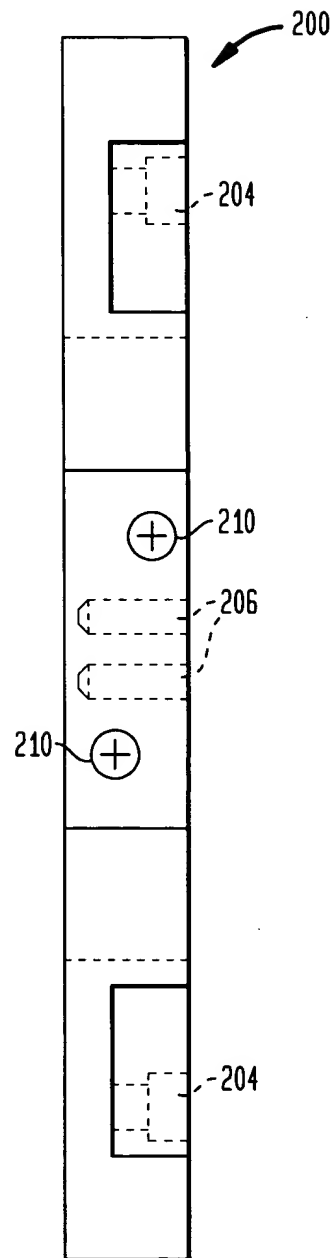


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FIG. 10



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FIG. 11

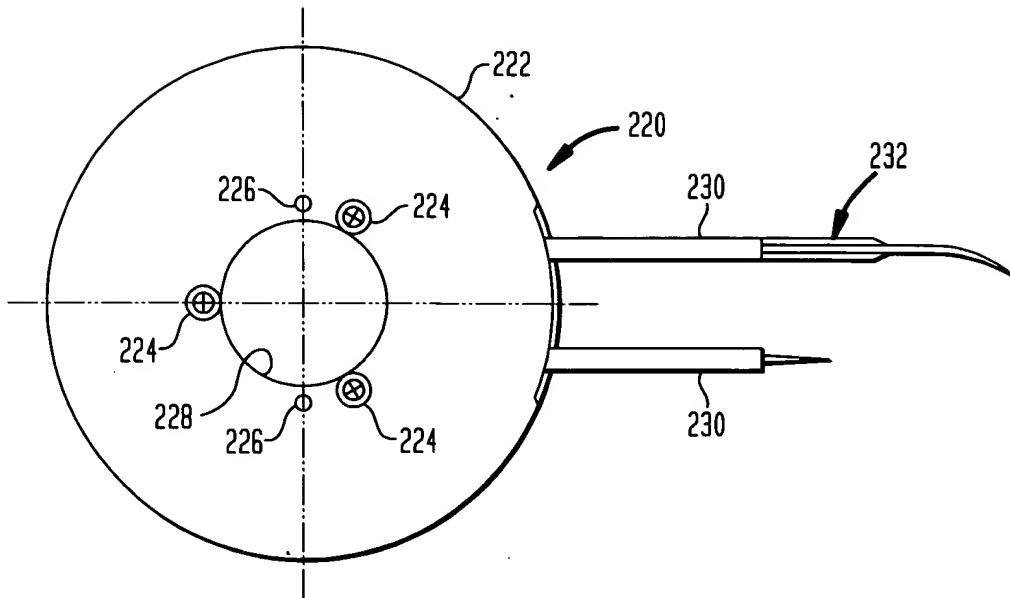
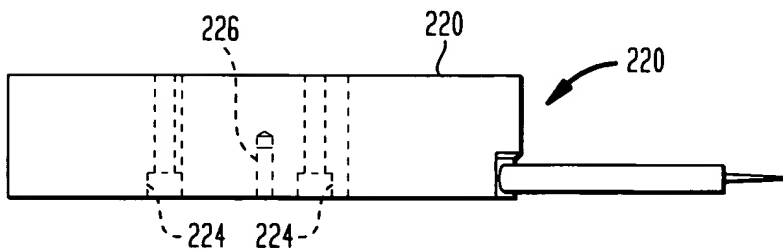


FIG. 12



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FIG. 13

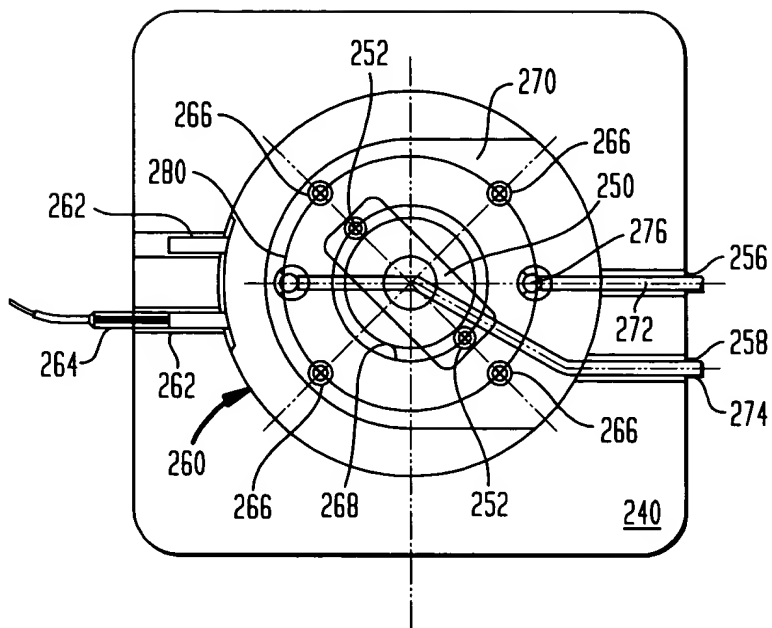
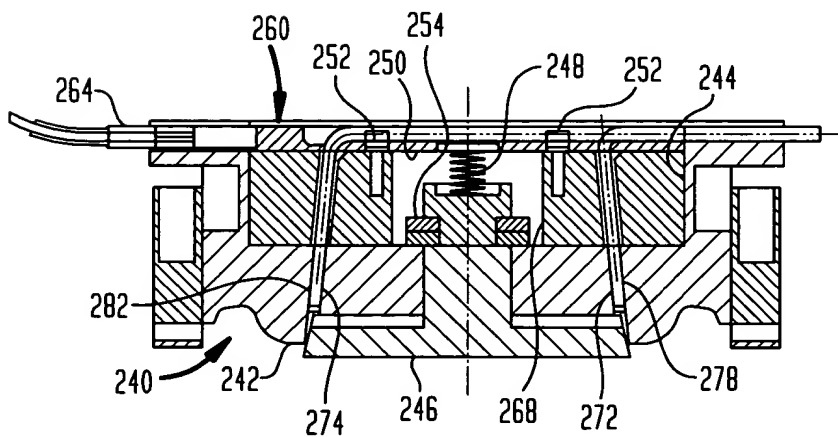


FIG. 14

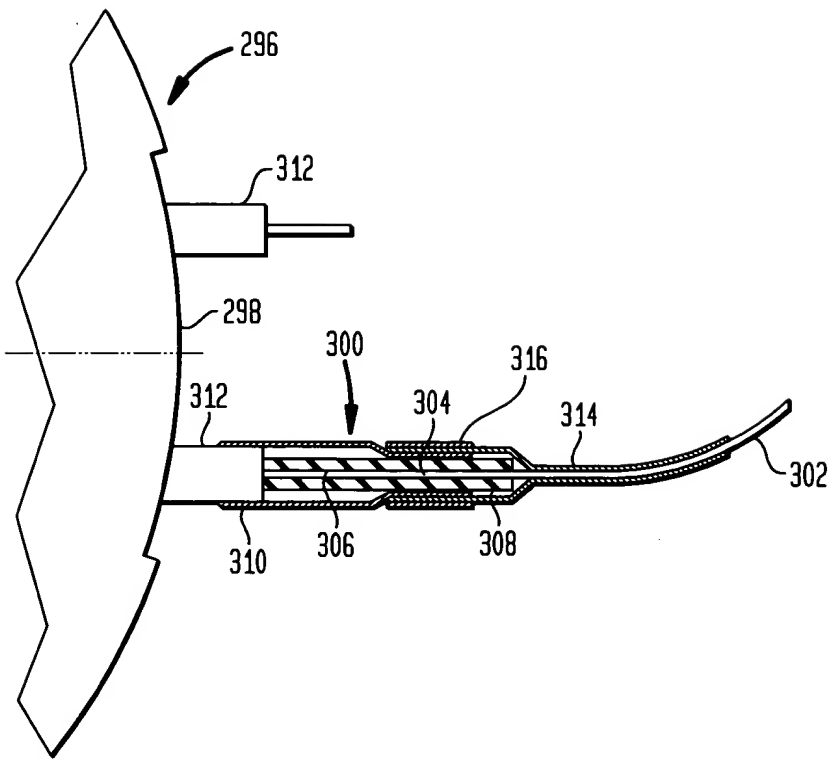


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FIG. 15



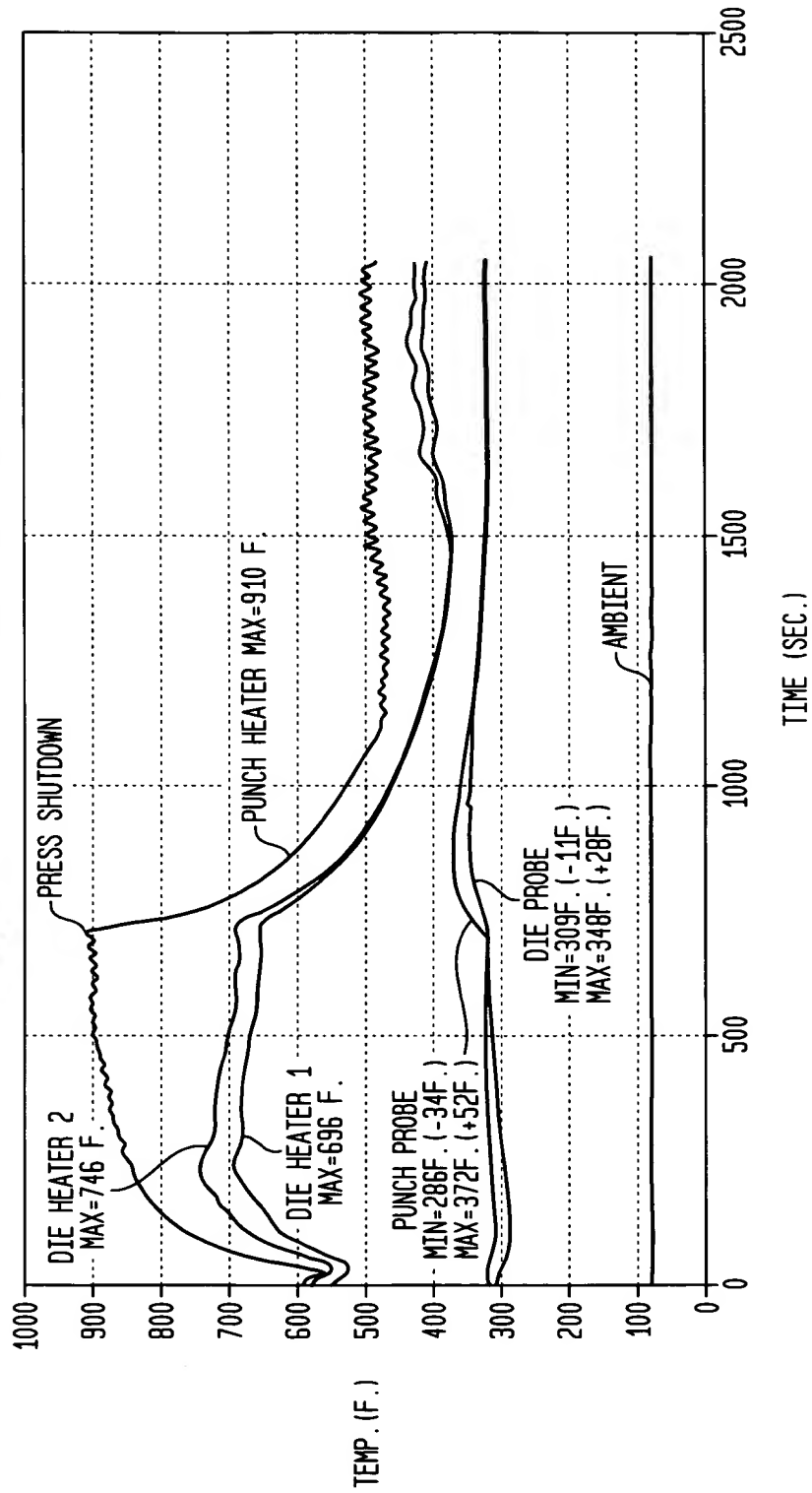
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FIG. 16

RING HEATERS - 320 F. PRODUCTION AND SHUTDOWN



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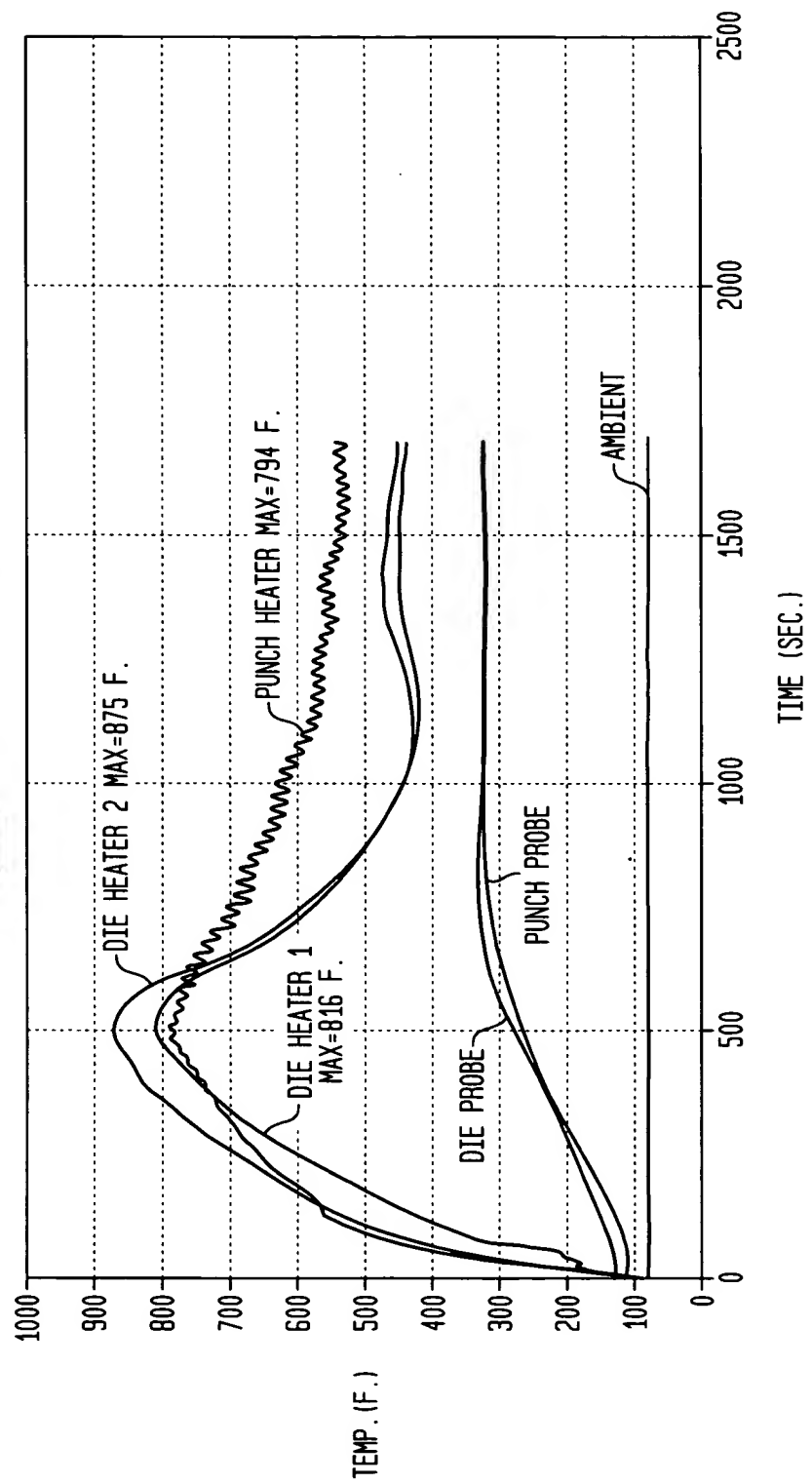




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FIG. 17

RING HEATERS - 320 F. STD. HEAT UP



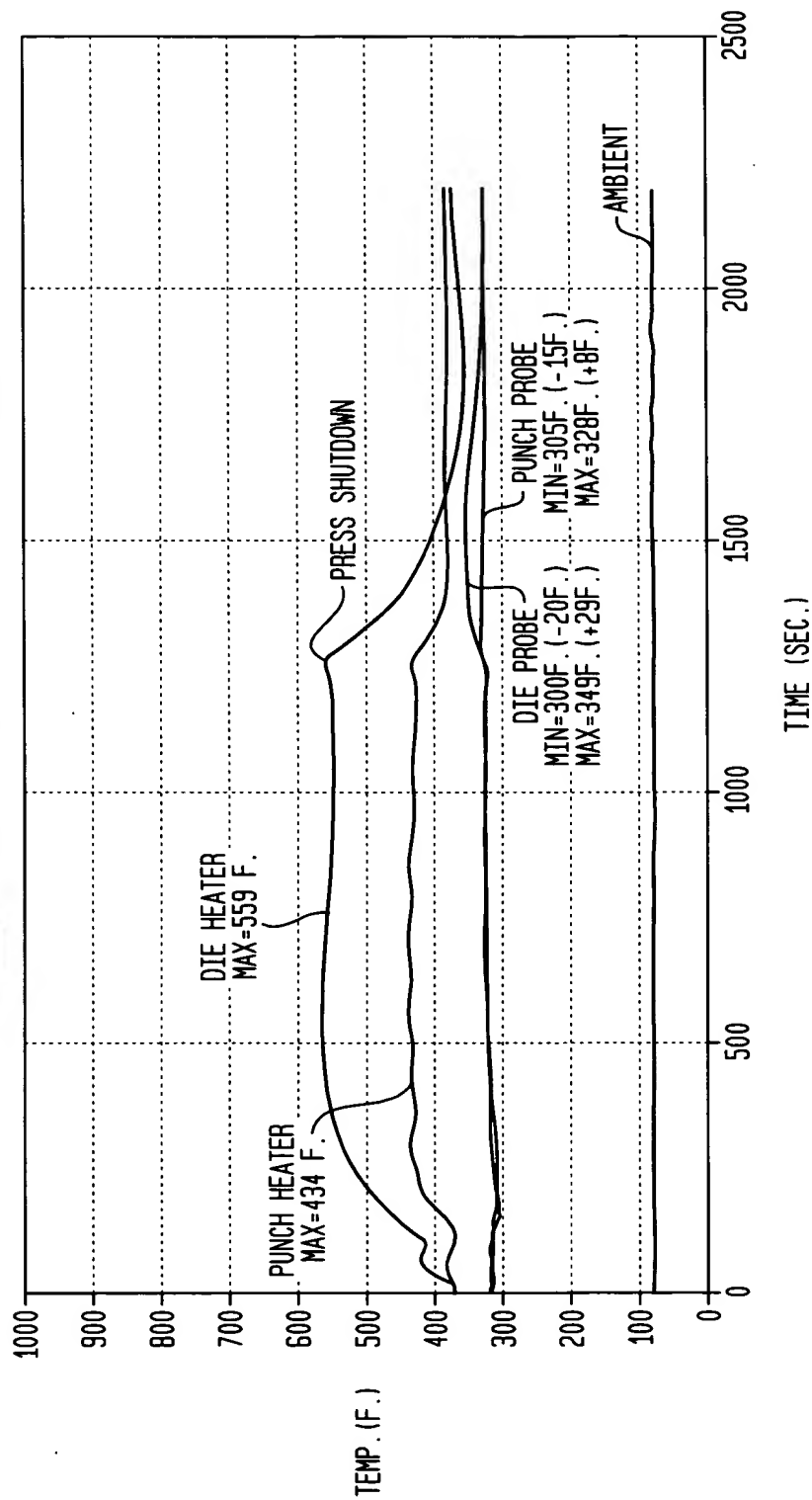
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FIG. 18

CASI-IN-HEATERS - 320 F. PRODUCTION AND SHUTDOWN



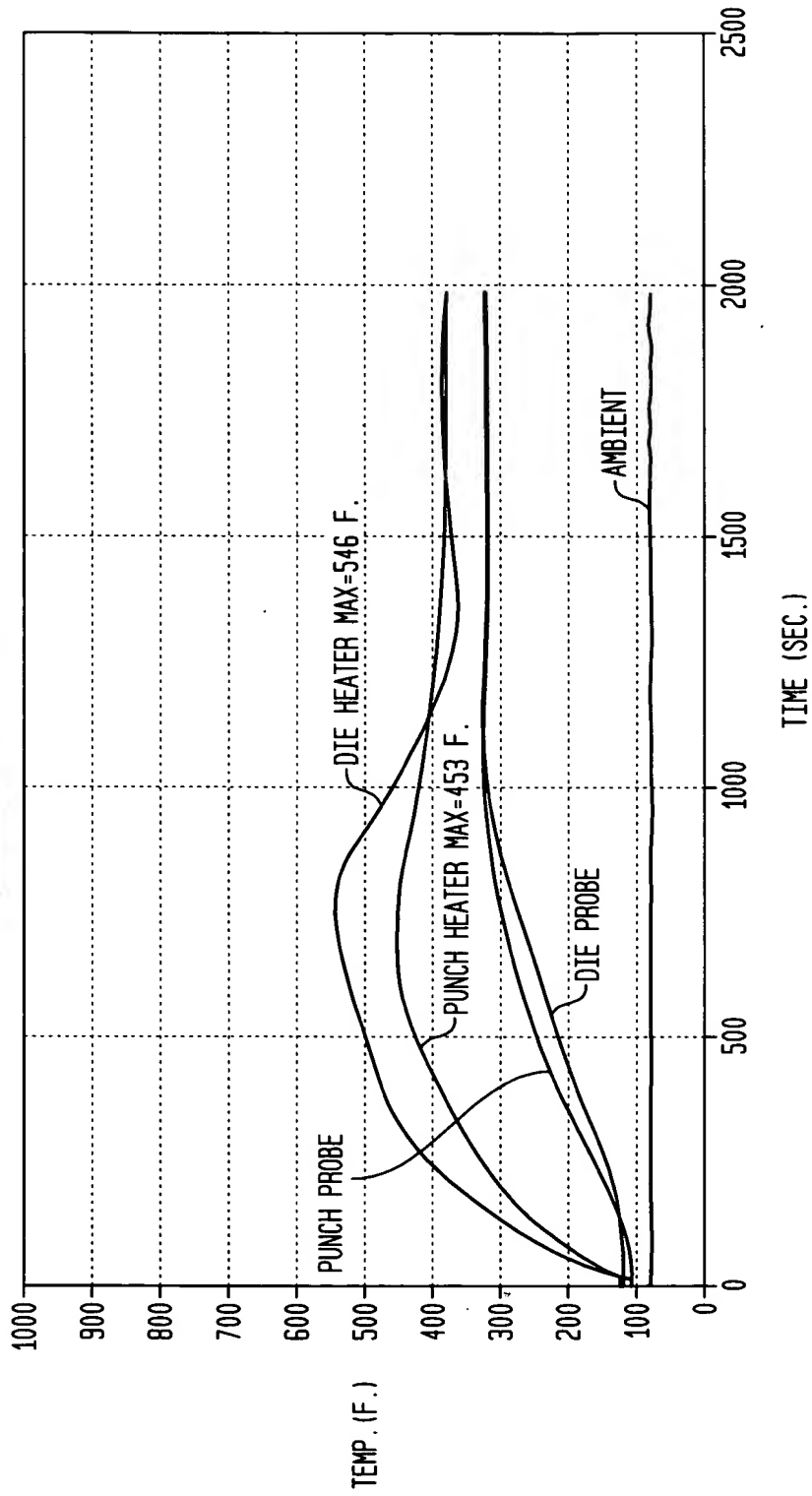
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FIG. 19

CAST-IN-HEATERS - 320 F. STD. HEAT UP



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**FIG. 20**

**CASE#1: 3 RING HEATER SYSTEM**

RING HEATER LIFE (MONTHS)	# RING HEATERS PER DIE SET	# CAST HEATER PER DIE SET	# DIE SETS PER PRESS	AVERAGE # RING HEATER FAILS/ YEAR	BREAK EVEN # CAST HEATER FAILS/ YEAR	BREAK EVEN CAST HEATER LIFE (MONTHS)
1	3	2	5	180.0	65.8	1.8
2	3	2	5	90.0	32.9	3.6
3	3	2	5	60.0	21.9	5.5
4	3	2	5	45.0	16.5	7.3
5	3	2	5	36.0	13.2	9.1
6	3	2	5	30.0	11.0	10.9
7	3	2	5	25.7	9.4	12.8
8	3	2	5	22.5	8.2	14.6
9	3	2	5	20.0	7.3	16.4
10	3	2	5	18.0	6.6	18.2
11	3	2	5	16.4	6.0	20.1
12	3	2	5	15.0	5.5	21.9
13	3	2	5	13.8	5.1	23.7
14	3	2	5	12.9	4.7	25.5
15	3	2	5	12.0	4.4	27.4
16	3	2	5	11.3	4.1	29.2
17	3	2	5	10.6	3.9	31.0
18	3	2	5	10.0	3.7	32.8
19	3	2	5	9.5	3.5	34.6
20	3	2	5	9.0	3.3	36.5
21	3	2	5	8.6	3.1	38.3
22	3	2	5	8.2	3.0	40.1
23	3	2	5	7.8	2.9	41.9
24	3	2	5	7.5	2.7	43.8

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## FIG. 21

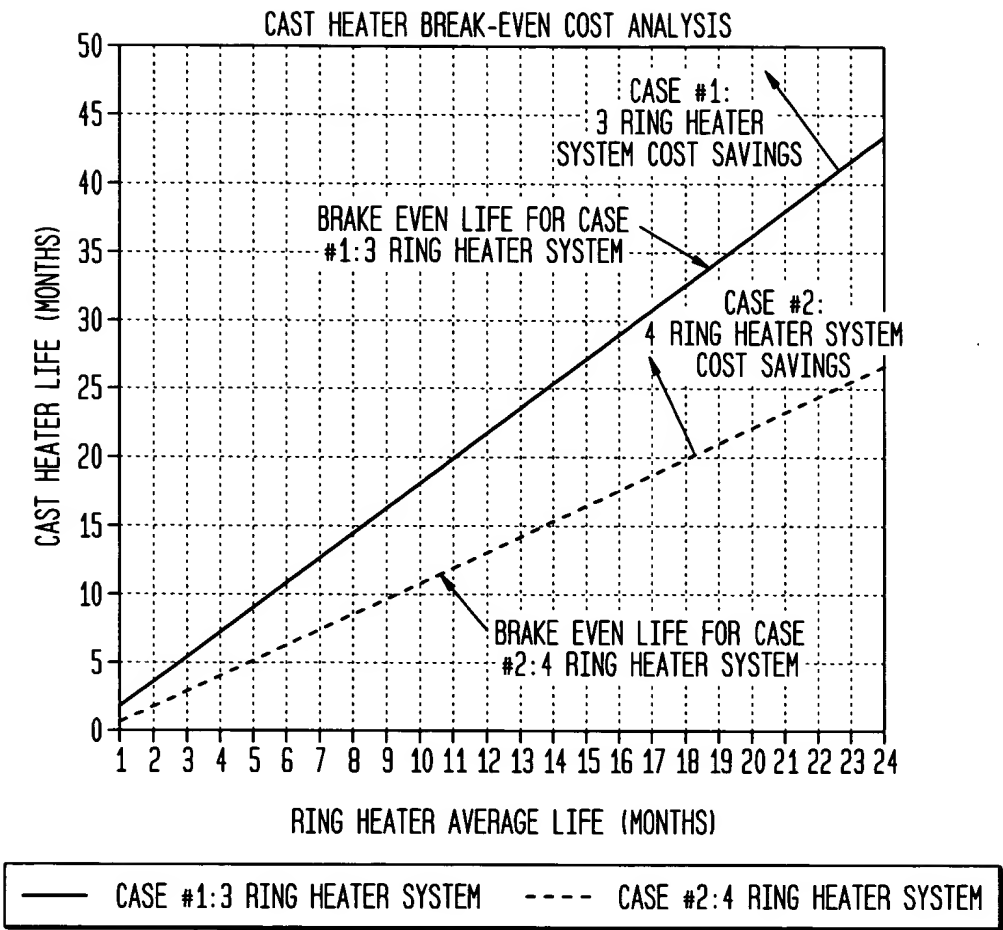
### CASE#2: 4 RING HEATER SYSTEM

RING HEATER LIFE (MONTHS)	# RING HEATERS PER DIE SET	# CAST HEATER PER DIE SET	# DIE SETS PER PRESS	AVERAGE # RING HEATER FAILS/ YEAR	BREAK EVEN # CAST HEATER FAILS/ YEAR	BREAK EVEN CAST HEATER LIFE (MONTHS)
1	4	2	5	240.0	107.7	1.1
2	4	2	5	120.0	53.9	2.2
3	4	2	5	80.0	35.9	3.3
4	4	2	5	60.0	26.9	4.5
5	4	2	5	48.0	21.5	5.6
6	4	2	5	40.0	18.0	6.7
7	4	2	5	34.3	15.4	7.8
8	4	2	5	30.0	13.5	8.9
9	4	2	5	26.7	12.0	10.0
10	4	2	5	24.0	10.8	11.1
11	4	2	5	21.8	9.8	12.3
12	4	2	5	20.0	9.0	13.4
13	4	2	5	18.5	8.3	14.5
14	4	2	5	17.1	7.7	15.6
15	4	2	5	16.0	7.2	16.7
16	4	2	5	15.0	6.7	17.8
17	4	2	5	14.1	6.3	18.9
18	4	2	5	13.3	6.0	20.1
19	4	2	5	12.6	5.7	21.2
20	4	2	5	12.0	5.4	22.3
21	4	2	5	11.4	5.1	23.4
22	4	2	5	10.9	4.9	24.5
23	4	2	5	10.4	4.7	25.6
24	4	2	5	10.0	4.5	26.7



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FIG. 22



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